

RATINGS:

100A MAXIMUM - SEE MAIN BREAKER RATING IF USED.
 BACK-FED BREAKER REQUIRES HOLD-DOWN KIT ECMBR2.
 120/240 V~, 60 HZ, 1Ø 3W
 208Y/120 V~, 60 HZ, 1Ø 3W

FOR INSTALLATION BY A QUALIFIED PERSON IN ACCORDANCE WITH ALL LOCAL ELECTRICAL CODES AND/OR THE NATIONAL ELECTRICAL CODE ©.

SUITABLE FOR USE AS SERVICE EQUIPMENT WHEN MAIN BREAKER IS INSTALLED. WHEN USED AS SERVICE EQUIPMENT, APPLY "SERVICE DISCONNECT" LABEL TO FRONT NEXT TO MAIN BREAKER HANDLE.

WHEN USED AS SERVICE EQUIPMENT, UNUSED NEUTRAL BAR TERMINALS MAY BE USED TO TERMINATE EQUIPMENT GROUNDING WIRES IN THE COMBINATIONS INDICATED FOR EQUIPMENT GROUND BAR TERMINALS.

TO BOND NEUTRAL TO ENCLOSURE, BEND STRAP PROVIDED TO POSITION FREE END INTO ANY NEUTRAL TAP HOLE. TIGHTEN CONNECTOR SET SCREW ON BOND STRAP TO 35 LB-IN. WHEN NEUTRAL IS BONDED, LEFT BAR BECOMES SPLIT NEUTRAL.

SUM OF MH-T / QT BREAKER RATING IS NOT TO EXCEED 110 AMPS PER BRANCH CIRCUIT BUS STAB.

TO RESET BREAKERS WITH TRIPPED HANDLE POSITION BETWEEN "ON" AND "OFF", MOVE HANDLE TO "OFF" THEN TO "ON".

REMOVE TWISTOUTS FROM TRIM ONLY WHERE BREAKERS WILL BE INSTALLED. ALL OPENINGS MUST BE FILLED WITH BREAKERS OR FILLER PLATES. USE ONE ECMBF125 FILLER PLATE TO FILL 100-125A MAIN BREAKER OPENING.

4094891 Rev.C

Murray Electrical Products
 Siemens Industry, Inc.
 Norcross, Georgia U.S.A.

J2



IMPORTANT: DO NOT ALLOW PETROLEUM BASED (HYDROCARBON) SPRAYS, CHEMICALS, SOLVENTS OR ANY PAINT TO CONTACT INTERIOR COMPONENTS. PETROLEUM BASED CHEMICALS CAN CAUSE DEGRADATION OF ELECTRICAL INSULATING MATERIALS.

⚠ DANGER

Hazardous Voltage.
 Will cause death, serious injury or substantial property damage.

Turn off power supplying this equipment before working inside.



⚠ PELIGRO

Voltaje peligroso. Causará la muerte, lesiones graves o daño substancial a la propiedad.

Desconecte el suministro de energía a este equipo antes de trabajar en su interior.

USE COPPER OR ALUMINUM 60°/75°C WIRE SEE BREAKER MARKINGS FOR WIRE SIZE AND TORQUE REQUIREMENTS.

TERMINALS	WIRE	TORQUE
A, B	2/0 - 4 AWG	110 LB-IN
NEUTRAL AND EQPT GROUND BAR		
SMALL TERMINALS	10 - 14 AWG 8 AWG 6 AWG	20 LB-IN 25 LB-IN 35 LB-IN
LARGE TERMINALS	10 - 14 AWG 8 AWG 1/0 - 6 AWG	35 LB-IN 40 LB-IN 45 LB-IN
ECLK2SC NEUTRAL LUG KIT	2/0 - 6 AWG	50 LB-IN
MAIN LUG/MAIN BRKR TO BUS CONNECTION (1/4-20 NUT)		45 LB-IN

EQUIPMENT GROUND BAR TERMINALS ARE SUITABLE FOR THE FOLLOWING WIRE COMBINATIONS:
SMALL TERMINALS: ONE 14 TO 6 AWG CU; ONE 12 TO 6 AWG AL; TWO 14 AWG CU; TWO 12 AWG CU; TWO 12 AWG AL SOLID WIRES.
LARGE TERMINALS: ONE 14 TO 2 AWG CU; ONE 12 TO 2 AWG AL; TWO OR THREE 14 AWG CU; TWO OR THREE 12 AWG CU OR AL; TWO 10 AWG CU; TWO OR THREE 10 AWG AL; THREE 10 AWG CU SOLID WHEN TORQUED TO 50 LB-IN; THREE 10 AWG CU STRANDED.

ACCESSORIES

DESCRIPTION	CAT. NO.
FILLER PLATE, 1"	ECQF3
BREAKER HOLD-DOWN	ECMBR2
MAIN BREAKER FILLER PLATE	ECMBF125
INTERLOCK KIT	ECSBPK04
GROUND BAR KITS - USE "ECLX" SERIES	

MAIN LUG / MAIN BREAKER KITS

USE APPROPRIATE KIT FROM CHART BELOW TO CONVERT PANEL.

DESCRIPTION	CAT. NO.
100A MAIN BRKR	MBK100M, MBK100A
100-125A MAIN LUG	ECMLK125

SHORT CIRCUIT CURRENT RATING THIS PANELBOARD HAS A MAXIMUM SHORT CIRCUIT CURRENT RATING OF 100,000 AMPS RMS SYMMETRICAL, 120/240V~, THE ACTUAL RATING IS DEPENDENT ON THE BRANCH BREAKERS INSTALLED IN THIS PANELBOARD AND THE MAIN/FEEDER BREAKER. IF ANY INSTALLED AHEAD OF THIS PANELBOARD, THE CORRECT MAIN BREAKER/FEEDER/MAIN BREAKER/BRANCH BREAKER SERIES COMBINATIONS TO BE USED ARE LISTED IN THE TABULATION BELOW. ANY CIRCUIT BREAKER INSTALLED, REPLACED, OR ADDED IN THIS PANELBOARD MUST BE MANUFACTURED BY SIEMENS AND MUST BE OF THE CORRECT TYPE AS INDICATED IN THE TABULATION BELOW. USE OF OTHER CIRCUIT BREAKERS IN THIS EQUIPMENT MAY VOID THE WARRANTY.

MAIN BREAKER	MAIN/FEEDER BREAKER	PANELBOARD MAIN	BRANCH BREAKER	RATING AMPS
NONE USED	NONE USED	NONE USED or QP, MP-T	QP QG, QT, QAF, QAF2, QPF, QE, MP-T, MG, MH-T, MP-AT, MP-AT2, MP-GT, MP-ET	10,000
	NONE USED	NONE USED	QPH, QAFH, QAF2H, QPHF, QEH, MP-HT, MP-HAT, MP-HAT2, MP-HGT, MP-HET	22,000
	NONE USED	EQ8681, QPH, M1, MP-HT	QP, QT, QAF, QAF2, QPF, QE, MP-T, MH-T, MP-AT, MP-AT2, MP-GT, MP-ET	
	QSHH	NONE USED or EQ8681, QP, QPH, M1, MP-T, MP-HT	QP, QPH, QT, QAF, QAFH, QAF2, QAF2H, QPF, QPHF, QE, QEH, MP-T, MP-HT, MH-T, MP-AT, MP-HAT, MP-HAT2, MP-GT, MP-HGT, MP-ET, MP-HET	42,000
	NONE USED	NONE USED	HQP, HQAF2, MP-MT, MP-MAT2	65,000
	ED4, ED6, HQP, HBL, HQS, MP-MT	QPH, BLH, MP-HT	QP, QPH, QT, QAF, QAFH, QAF2, QAF2H, QPF, QPHF, QE, QEH, MP-T, MP-HT, MP-AT, MP-HAT, MP-HAT2, MP-GT, MP-HGT, MP-ET, MP-HET	
Siemens Breaker Types NDGA, NFGA				100,000
Siemens Breaker Types JXD2(-A), JD6(-A), JXD6(-A), LD6(-A), LXD6(-A), MD6, MXD6, ND6, NXD6, NJJA, NJGA, NLGA, NLGB, NMG, NNG, NPG, PD6, PXD6, RD6, RXD6	QPH, BLH, QS, MP-HT	NONE USED or EQ8681, QP, QPH, HQP, M1, MP-T, MP-HT, MP-MT		
Siemens Breaker Types FD6, FXD6	NONE USED or QP, BL, QS, MP-T			
Siemens Breaker Types ND6, NXD6, Class J, T, R, or L Fuses	QPH, BLH, MP-HT			
Siemens Breaker Types JXD2(-A), JD6(-A), JXD6(-A), LD6(-A), LXD6(-A), MD6, MXD6, ND6, NXD6, PD6, PXD6, RD6, RXD6, NDGA, NFGA, NJJA, NJGA, NLGA, NLGB, NMG, NNG, NPG	NONE USED	QPH, HQP, MP-HT, MP-MT		
NONE USED	HQSH, HED4, HED6, NGB			
Siemens Breaker Types HFD6, HFXD6, HFGA, HJD6(-A), HJXD6(-A), HJGA, HLD6(-A), HLXD6(-A), HJGA, HJGB, HMD6, HMXD6, HMG, HND6, HNXD6, HNG, HPD6, HPXD6, HPG, HRD6, HRXD6, or Class J, T, R, or L Fuses	ED4, ED6, QS	NONE USED or EQ8681, QP, QPH, HQP, M1, MP-T, MP-HT, MP-MT	QP, QPH, HQP, QT, QAF, QAFH, QAF2, QAF2H, HQAF2, QPF, QPHF, QE, QEH, MP-T, MP-HT, MP-MT, MH-T, MP-AT, MP-HAT, MP-HAT2, MP-MAT2, MP-GT, MP-HGT, MP-ET, MP-HET	
Siemens Breaker Types HFD6, HFXD6, or 300V Class T Fuses - 200A Max	NONE USED or QP, BL, MP-T			
Siemens Breaker Types HDGA, HFGA, or 300V Class T Fuses - 600A Max	NONE USED or QPH, BLH, MP-HT	NONE USED or QPH, HQP, MP-HT, MP-MT	QPH, HQP, MP-HT, MP-MT	

CONDUIT HUBS

TRADE SIZE	CAT. NO.
1 INCH	ECHS100
1-1/4 INCH	ECHS125
1-1/2 INCH	ECHS150
2 INCH	ECHS200
2-1/2 INCH	ECHS250

